



ATD-12551 Universal Digital Angle Gauge Owner's Manual



FEATURES:

- 0.0 ~ 999.0 Setting and cumulative angle
- 0.1° resolution
- 99 unit memory storage
- Clockwise measurements
- Low battery display
- Auto power off
- LED alarm flash indication
- Buzzer alarm indication

WARNING

WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects or other reproductive harm. *Wash hands after handling.*

CONTENTS

Introduction of LCD panel	3
1. Light	3
2. LCD Display	3
3. Keys.....	3
Operating Instructions.....	4
1. Power on.....	4
2. Power reset.....	4
3. Power off.....	4
4. Clear.....	4
5. Angle measure environment	4
6. Memroy mode	4
7. Overload	5
8. Battery Life	5
9. Warranty	6

Features

1. 0.0 ~ 999.0 Setting & Cumulative angle
2. 0.1° resolution
3. 99 memory storage
4. Clockwise angle measurement
5. Low battery display
6. Auto Power Off
7. LED alarm flash indication
8. Buzzer alarm indication

Introduction of LCD panel




1. Light

- Red LED Light- meets the Over 100% of Setting Angle
- Green LED Light- meets the 90%-100% of Setting Angle
- Yellow LED Light- meets the 75%-90% of Setting Angle

2. LCD Display

Indicates angle measurement when using in clockwise direction

3. Keys

- C : Power on / Save & Clear
- + : Start to accumulate angle measurement.
- UP : Value increase (+)
- Down : Value decrease (-)
-  : Enter memory mode

Operating Instructions

1. Power On

Press “C” to Power on, EAG enters Setting Angle Environment

2. Power Reset

Press “C” for 3 seconds to reset EAG

3. Power Off

Auto shut off after 2 minutes non-usage

4. Clear

Press “C” to clear reading value and return to preset angle value

5. Angle measure Environment

5.1. *Floating Preset Mode*

Step 1. Press “C” button to Power On.

Step 2. After power on , press the “UP” key to increase the angle value.

Step 3. Press the ” Down” key to decrease the angle value.

5.2. *Measure Mode*

Step 1. Press “+” key, begin to accumulate angle

Step 2. In measure mode, EAG will automatically detect direction and the LCD display shows actual applied angle value.

Step 3. Reverse the opposite over 1°. The LCD display flashes and stops accumulating angle. The EAG will save reading value.

Step 4. Forcing the wrench and hold on the same direction. Press “+” key, begin to accumulate angle.

Step 5. For Add-up 2nd movement, go back to the start point, and force slightly to remove the backlash of tool. Then press “+” key, to accumulate and add up the angle summary together with 1st movement.

6. Memory Mode

Step 1. Press “” button to enter memory mode.

Step 2. Press “UP” or “Down” for searching memorized value.

Step 3. Press “” button to exit memory mode.

7. Overload

When angle measurement is over maximum value 999°, the value will stop accumulating angle measurement and LCD will display "FULL". Press "C" to clear reading value.

8. Battery Life

Battery Type : AAA*2

Operation mode : 60 hr

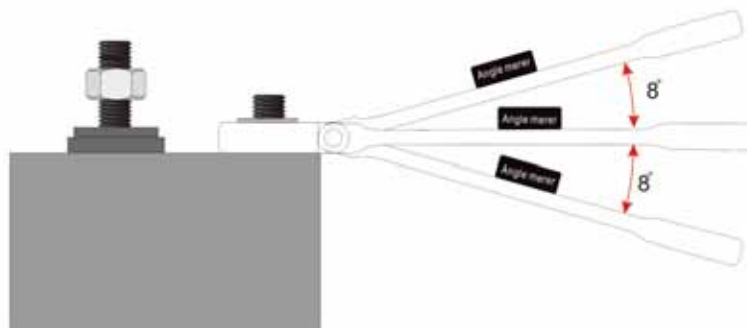
Standby mode : 1 year

CAUTION

1. EAG should horizontally be controlled within 8 degree offset. (Drawing 1)
2. If apply EAG on a flexible tool, the EAG should vertically be controlled within 8 degree offset (Drawing 2).



Drawing 1



Drawing 2



WARRANTY

1 YEAR LIMITED WARRANTY

THIS WARRANTY AND CONFIRMED RECEIPT(S) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

PURCHASED FROM: _____

DATE PURCHASED: _____

INVOICE/RECEIPT NUMBER: _____

Your ATD-12551 is warranted for a period of 12 months from the original purchase date.

For a period of one (1) year from your purchase date, ATD Tools Inc. will repair or replace (at its option) without charge, your ATD product if it was purchased new and the product has failed due to a defect in material or workmanship which you experienced during normal use of the product. This limited warranty is your exclusive remedy.

To access the benefits of this warranty, contact your supplier, or point of sale directly. You may be advised to return the product under warranty, freight prepaid, to your supplier for warranty determination.

If this ATD product is altered, abused, misused, modified, or undergoes service by an unauthorized technician, your warranty will be void. We are not responsible for damage to ornamental designs you place on this ATD product and such ornamentation should not cover any warnings or instructions or they may void the warranty. This warranty does not cover scratches, superficial dents, and other abrasions to the paint finish that occur under normal use. It also does not cover normal wear items such as but not limited to brushes, batteries, drill bits, drill chucks, pads or blades.

Subject to the law in your state:

- (1) Your sole and exclusive remedy is repair or replacement of the defective product as described above.
- (2) ATD is not liable for any incidental damages, including but not limited to, lost profits and unforeseeable consequences.
- (3) The repair and replacement of this product under the express limited warranty described above is your exclusive remedy and is provided in lieu of all other warranties, express or implied. All other warranties, including implied warranties and warranties of merchantability or fitness for a particular purpose are disclaimed and, if disclaimer is prohibited, these warranties are limited to one year from your date of purchase of this product.

Some states' laws do not allow limited durations on certain implied warranties and some states' laws do not allow limitations on incidental or consequential damages. You should consult the law in your state to determine how your rights may vary.

[Affix receipt or invoice here for safe keeping]